
Special Track on: INFORMATION ACCESS AND RETRIEVAL

<http://www.disco.unimib.it/IAR2012>

at the 27th ACM Symposium on Applied Computing

**Sponsored by
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**Hosted by
The Microsoft Research - University of Trento
Centre for Computational and Systems Biology**

**Trento, Italy
March 25-29, 2012**

<http://www.acm.org/conferences/sac/sac2012>

For the past twenty-six years the ACM Symposium on Applied Computing (SAC) has been a primary and international forum for applied computer scientists, computer engineers and application developers to gather, interact and present their work. The ACM Special Interest Group on Applied Computing (SIGAPP) is the sole sponsor of SAC. The conference proceedings are published by ACM and are also available online through ACM's Digital Library.

The 27th Annual SAC meeting will be held from 25th to 29th March 2012 in Trento, Italy, and is hosted by the Microsoft Research - University of Trento Centre for Computational and Systems Biology

Special Track on Information Access and Retrieval (SAC-IAR)

The research on information access and retrieval aims at modelling, implementing and evaluating systems that provide a fast and effective content-based access to a large amount of multimedia information. One main issue of such systems is to estimate the relevance of documents to user information needs. This is a very hard and complex task due to several reasons which a large volume of research has attempted to analyse and tackle. IR has grown well beyond its primary goals of indexing and searching textual documents. With the expansion of the Internet and of the Web, other access techniques have emerged, such as Recommender Systems and Information Filtering systems, Question Answering Systems, Meta-search engines, Geomap information services, and Web 2 collaborative retrieval services.

Information access technologies and IR in particular, are currently being used in many different application contexts that go far beyond the initial scope of their design. The definition of new models as well as the application of models and techniques in standard experimental contexts to new application areas is a very challenging task that deserves a great attention by the researchers. Nowadays, research in information access includes content indexing of textual and audiovisual multilingual information, document classification and categorization, system architecture, user interfaces, context-modelling, personalization of both the retrieval and the information visualisation, query languages, topic detection, collaborative searching, retrieval in web 2 contexts, etc.

We invite submission of original research contributions, and experimentations in emerging fields such as Context-based IR, Geographic Information Retrieval, Indexing of Volunteered geographic Information, Collaborative search and retrieval, User Interfaces for information access, presentation, and exploration of web results, retrieval in Web 2 applications, quality assessment in Information retrieval.

The topics of interest include:

- (Multimedia) document clustering and categorization,
- (Multimodal) Interfaces for information access, presentation, and exploration,
- Models of information access and retrieval,
- Context-based IR
- Content indexing of multimedia information,
- Flexible query languages,
- Topic detection and tracking
- Cross language retrieval,
- Semantic and conceptual indexing and retrieval
- Ontology based Information Retrieval,
- Collaborative information searching and retrieval
- (Mobile) Search engines and meta-search engines,
- Applications of advanced information access and retrieval systems,
- (Multimedia and multimodal) information access and retrieval systems,
- Content-based and collaborative information filtering in Web 2 services

Track Chairs

Gabriella Pasi

Department of Informatics, Systems and Communication (DISCo),
University of Milano Bicocca, Milano, Italy
pasi@disco.unimib.it

Gloria Bordogna,

Consiglio Nazionale delle Ricerche, IDPA ,
Dalmine (BG), Italy.
gloria.bordogna@idpa.cnr.it

Guidelines for Submission:

Original papers from the above-mentioned or other related areas will be considered. Submissions fall into the following categories:

Original and unpublished work

Reports of innovative computing applications in the arts, sciences, engineering, and business areas

Reports of successful technology transfer to new problem domains

Reports of industrial experience and demos of new innovative systems

Peer groups with expertise in the track focus area will blindly review submissions to that track. Each submitted paper will be reviewed by at least three referees. Accepted papers will be published in the annual conference proceedings. Submission guidelines can be found on SAC 2012 Website

Papers should be submitted per track using the provided automated submission system via the website.

Submission of the same paper to multiple tracks is not allowed. For more information please visit the SAC 2012 Website.

Submissions must follow the template reported at the conference web site.

Each paper can have a length of 5 pages according to the template, with a maximum of 3 extra pages in the camera ready format. There will be a charge for extra pages.

Submissions should be printable on a standard printer on common paper formats, such as US letter and A4.

The author(s) name(s) and address(es) must NOT appear in the body of the paper, and self-reference should be in the third person. This is to facilitate blind review.

Notice that Papers that report the author names will not be sent to the reviews and will be rejected.

Only the title should be shown at the first page without the author's information."

Contacts:

Gabriella Pasi Department of Informatics, Systems and Communication (DISCO), University of Milano Bicocca, Milano, Italy Email: pasi@disco.unimib.it Tel: +39-024487847 Fax: +39-0264487805	Gloria Bordogna, Consiglio Nazionale delle Ricerche, IDPA , Dalmine (BG), Italy Email : gloria.bordogna@idpa.cnr.it Tel: +390356224262 Fax: +390356224260
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Important Dates

Deadline extended to September 14, 2011: Submission of full papers

October 12, 2011: Notification of paper acceptance/rejection

November 2, 2011: Camera-ready copies of accepted papers